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PTO/SB/21 (6-99)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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 <b>TRANSMITTAL FORM</b>		<b>Application Number</b>	10/029,113																					
		<b>Filing Date</b>	DECEMBER 19, 2001																					
		<b>First Named Inventor</b>	JAIME E. RAMIREZ-VICK																					
		<b>Group/Art Unit</b>	1637																					
		<b>Examiner Name</b>	KIM, YOUNG J.																					
<b>Total Number of Pages in This Submission</b>		14	<b>Attorney Docket Number</b>	25527-0001 C1																				
<b>ENCLOSURES (check all that apply)</b>																								
<table border="0"><tr><td><input checked="" type="checkbox"/> <b>FEE TRANSMITTAL FORM</b> <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>AMENDMENT / RESPONSE</b> <input type="checkbox"/> After Final <input type="checkbox"/> Version With Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> <b>EXTENSION OF TIME REQUEST (2 MONTHS)</b> <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Copy of Notice</td><td><input type="checkbox"/> Copy of an Assignment <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund</td><td><input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below): <input checked="" type="checkbox"/> <b>STAMPED RETURN POSTCARD</b></td></tr></table>					<input checked="" type="checkbox"/> <b>FEE TRANSMITTAL FORM</b> <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>AMENDMENT / RESPONSE</b> <input type="checkbox"/> After Final <input type="checkbox"/> Version With Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> <b>EXTENSION OF TIME REQUEST (2 MONTHS)</b> <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Copy of Notice	<input type="checkbox"/> Copy of an Assignment <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below): <input checked="" type="checkbox"/> <b>STAMPED RETURN POSTCARD</b>																	
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<b>Remarks</b>  <b>AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 25527-0001 C1.</b>																								
<b>SIGNATURE OF APPLICANT, ATTORNEY OR AGENT</b>																								
<table border="0"><tr><td><b>Firm or Individual name</b></td><td colspan="2">HELLER EHRMAN WHITE &amp; McAULIFFE LLP</td><td colspan="2">JAMES A. FOX (Reg. No. 38,455)</td></tr><tr><td></td><td colspan="2">275 Middlefield Road, Menlo Park, California 94025</td><td>Telephone: (650) 324-7000</td><td>Facsimile: (650) 324-0638</td></tr><tr><td><b>Signature</b></td><td colspan="4"></td></tr><tr><td><b>Date</b></td><td>March 2, 2004</td><td><b>Customer Number:</b></td><td colspan="2">25213</td></tr></table>					<b>Firm or Individual name</b>	HELLER EHRMAN WHITE & McAULIFFE LLP		JAMES A. FOX (Reg. No. 38,455)			275 Middlefield Road, Menlo Park, California 94025		Telephone: (650) 324-7000	Facsimile: (650) 324-0638	<b>Signature</b>					<b>Date</b>	March 2, 2004	<b>Customer Number:</b>	25213	
<b>Firm or Individual name</b>	HELLER EHRMAN WHITE & McAULIFFE LLP		JAMES A. FOX (Reg. No. 38,455)																					
	275 Middlefield Road, Menlo Park, California 94025		Telephone: (650) 324-7000	Facsimile: (650) 324-0638																				
<b>Signature</b>																								
<b>Date</b>	March 2, 2004	<b>Customer Number:</b>	25213																					
<b>CERTIFICATE OF EXPRESS MAILING</b>																								
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: <b>MAIL STOP FEE AMENDMENT</b> , Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on this date: <b>March 2, 2004</b>																								
Express Mail Label <b>EL 977 676 724 US</b>																								
<b>Typed or printed name</b>		C. FONG																						
<b>Signature</b>																								
		<b>Date</b>	March 2, 2004																					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop \_\_\_\_, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$ ) 210.00****Complete if Known**

Application Number	10/029,113
Filing Date	DECEMBER 19, 2001
First Named Inventor	JAIME RAMIREZ-VICK
Examiner Name	KIM, YOUNG J.
Art Unit	1637
Attorney Docket No.	25527-0001 C1

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name**08-1641 (25527-0001 C1)****HELLER EHRMAN WHITE & McAULIFFE LLP****The Director is authorized to: (check all that apply)**☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

**SUBTOTAL (1) (\$ )****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$ )**

\*\*or number previously paid, if greater; For Reissues, see above


**FEE CALCULATION (continued)****3. ADDITIONAL FEES****Large Entity Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051 130		2051 65		Surcharge - late filing fee or oath	
1052 50		2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130		1053 130		Non-English specification	
1812 2,520		1812 2,520		For filing a request for ex parte reexamination	
1804 920*		1804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*		1805 1,840*		Requesting publication of SIR after Examiner action	
1251 110		2251 55		Extension for reply within first month	
1252 410		2252 205		Extension for reply within second month	
1253 930		2253 465		Extension for reply within third month	
1254 1,450		2254 725		Extension for reply within fourth month	
1255 1,970		2255 985		Extension for reply within fifth month	
1401 320		2401 160		Notice of Appeal	
1402 320		2402 160		Filing a brief in support of an appeal	
1403 280		2403 140		Request for oral hearing	
1451 1,510		1451 1,510		Petition to institute a public use proceeding	
1452 110		2452 55		Petition to revive - unavoidable	
1453 1,300		2453 650		Petition to revive - unintentional	
1501 1,300		2501 650		Utility issue fee (or reissue)	
1502 470		2502 235		Design issue fee	
1503 630		2503 315		Plant issue fee	
1460 130		1460 130		Petitions to the Commissioner	
1807 50		1807 50		Processing fee under 37 CFR 1.17(q)	
1806 180		1806 180		Submission of Information Disclosure Stmt	
8021 40		8021 40		Recording each patent assignment per property (times number of properties)	
1809 750		2809 375		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750		2810 375		For each additional invention to be examined (37 CFR 1.129(b))	
1801 750		2801 375		Request for Continued Examination (RCE)	
1802 900		1802 900		Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ ) 210.00****SUBMITTED BY**

Name (Print/Type)	<b>JAMES A. FOX</b>	Registration No. (Attorney/Agent)	<b>38,455</b>	Telephone	<b>(650) 324-7000</b>
Signature		Date	<b>MARCH 2, 2004</b>		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jaime E. RAMIREZ-VICK

Application Serial No. 10/029,113

Filed: December 19, 2001

For: **REVERSIBLE BINDING OF  
MOLECULES TO METAL  
SUBSTRATES THROUGH AFFINITY  
INTERACTIONS**

) Examiner: Kim, Young J.  
)  
) Art Unit: 1637  
)  
) Confirmation No: 2617  
)  
) Attorney's Docket No. 25527-0001 C1  
)  
) **Customer No. 25213**  
)  
)

EXPRESS MAIL LABEL NO. EL 977 676 724 US  
Date Mailed: MARCH 2, 2004

**AMENDMENT**

**Mail Stop Fee Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

This is in response to the Office Action mailed on October 2, 2003 (Paper No. 8). That Office Action set a shortened statutory period for reply of three months. With a request for extension of time of two months, this amendment is timely filed.

**Amendments to the Specification** are listed on page 2 of this amendment.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this amendment.

**Remarks** begin on page 7 of this paper.

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